

Claims:

What is claimed is:

1. A method of producing a workpiece having at least one bearing eye, an anti-friction coating being galvanically deposited onto the bearing eye surface after processing for a precise fit, which forms a running surface having profiling in the form of groove-like recesses, which are distributed over the axial length and run around the circumference,  
characterized in that the bearing eye surface is processed for a precise fit to a circular cylinder before the anti-friction coating is galvanically deposited onto the processed bearing eye surface to form the running surface in a varying thickness which corresponds to the final dimensions of the profiled running surface.
2. The method according to Claim 1,  
characterized in that, for a workpiece having a divided bearing eye, the bearing eye surface is processed for a precise fit after the assembly of the divided bearing eye and is then galvanically coated with the anti-friction coating before the anti-friction coating is divided by a fracture separation in accordance with the division of the bearing eye.
3. A device for producing a workpiece (1) having at least one bearing eye (2), on whose bearing eye surface (3) an anti-friction coating (4) is deposited, which forms a running surface (5) having profiling in the form of groove-like recesses (6), which are distributed over the axial length and run around the circumference, comprising a device (8) for galvanic deposition of the anti-friction coating (4) onto the bearing eye

surface (3) in an electrical field between the workpiece (1), which is connected as the cathode, and an anode, which is coaxial to the bearing eye (2), characterized in that the anode (9) has a texture of its anode surface, which is tailored to the running surface profiling, facing toward the bearing eye surface (3).

4. The device according to Claim 3, characterized in that the anode (9) and the workpiece (1) are mounted rotatably in relation to one another around the bearing eye axis.

5. The device according to Claim 3 or 4, characterized in that the anode surface is textured by a brush trimming (18) having electrically conductive bristles.

6. The device according to one of Claims 3 through 5, characterized in that the structured anode surface has electrical insulation (11) in the region of the groove-like recesses (6) of the running surface (5).

7. The device according to Claims 5 and 6, characterized in that the bristles of the brush trimming (18) have an electrically insulating sheath.

8. A device for producing a workpiece (1) having at least one bearing eye (2), on whose bearing eye surface (3) an anti-friction coating (4) is deposited, which forms a running surface (5) having profiling in the form of groove-like recesses (6), which are distributed over the axial length and run around the circumference, comprising a device (8) for galvanic deposition of the anti-friction coating (4) onto the bearing eye surface (3) in an electrical field between the workpiece (1), which is connected as the cathode, and an anode (9), which is coaxial to the bearing eye (2), characterized in that an electrolyte-permeable intermediate layer (13), which rotates in relation to the bearing eye (2) and has a textured, electrically insulating surface

which presses against the bearing eye surface (3) and is tailored to the running surface profiling, is provided between the bearing eye surface (3) and the anode (9).

9. The device according to Claim 8, characterized in that the intermediate layer (13) is positioned on the anode (9), which is mounted rotatably in relation to the bearing eye (2).

10. The device according to Claim 8 or 9, characterized in that the surface of the intermediate layer (13) which presses against the bearing eye surface (3) is made of a fabric (15).

11. The device according to Claim 8 or 9, characterized in that the intermediate layer (13) is made of a brush-like covering (16).